



MATERIAL SAFETY DATA SHEET

Section 1 - IDENTITY OF THE MANUFACTURER AND PRODUCT

PRODUCT IDENTITY: HP Rapid Test Kit **PRODUCT CODE #:** 1005 / 1005-15

MANUFACTURER ADDRESS: **Biomerica, Inc.**
17571 Von Karman Avenue
Irvine, CA 92614, USA

Telephone: 949-645-2111
Fax: 949-553-1231
E-mail: bmra@biomerica.com

Telephone Number in Case of Emergency: 800 535-5053 - InfoTrac 24 hours

Section 2 - COMPOSITION AND INGREDIENT INFORMATION

Chemical Nature of the Preparation: Stable

Dangerous Substances in the Preparation: Blood Components, Sodium Azide, Sodium Hydroxide.

Chemical	CAS#	EC#	Designation	% w/w
Blood Components	N/A	N/A	Potential Biohazard	<1.0%
Sodium Azide	26628-22-8	247-852-1	Highly Toxic	<0.1%
Sodium Hydroxide	1310-73-2	215-185-5	Corrosive	<0.1%
Gold Chloride Conjugate	N/A	N/A	Non-hazardous	<0.1%
Nitrocellulose Membrane	N/A	N/A	Non-hazardous	
Glass Fiber	N/A	N/A	Non-hazardous	

Section 3 - HAZARDS IDENTIFICATION

Potential Biohazard:

Rapid tests are formulated with a buffer base using small quantities of animal (bovine) serum components. All bovine serum products used are derived from animals of US origin, processed in USDA licensed facilities. These are on the nitrocellulose membrane in very minute quantities. There are no human serum components in the test device.

Chemical Hazard:

Components used in the product are formulated with Sodium Azide as a preservative. Concentrated Sodium Azide may react with copper and lead plumbing to form explosive metal azides. It may also react with acids to form explosive hydrazoic acid. If drain disposed, flush with large amounts of water to prevent azide build-up.

General Information:

This rapid test consists of a test device, which is a nitrocellulose membrane coated with specific antibodies to the substance of interest, inside a plastic housing. This test is packaged with a sealed desiccant pack inside a foil and mylar pouch to protect the test from moisture.

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Section 4 - FIRST AID MEASURES

- Skin Contact:** No component in this product represents a danger to exposure in this manner.
- Eye Contact:** No component in this product represents a danger to exposure in this manner.
- Inhalation:** No component in this product represents a danger to exposure in this manner.
- Ingestion:** Clear airway if the entire test device is ingested and seek medical attention if the individual is not conscious. If the desiccant packet has been ingested, give emetics to cause vomiting. A stomach siphon may be applied. Avoid milk, seek medical attention.

Section 5 - FIRE AND EXPLOSION DATA

- Suitable Extinguishing Media:** Chemical or water fire extinguisher.
- Extinguishing Media Not to be Used:** None known.
- Special Fire Fighting Procedures:** None known.
- Unusual Fire and Explosion Hazards:** None known.
- NFPA Rating:** Not applicable.

Section 6 - MEASURES IN CASE OF ACCIDENTAL SPILL

- Body Precautions:** Wear gloves and laboratory coat.
- Environmental Precautions:** Not applicable.
- Cleaning Measures:** Not applicable.

Section 7 - HANDLING AND STORAGE

- Handling:** Wear suitable personal protective equipment.
- Storage:** Store kit reagents in 2 - 30° C.

Section 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

- Body Protection:** Wear laboratory coat.
- Respiratory protection:** In case of fire, wear self-contained breathing apparatus.
- Hand Protection:** Wear non-permeable rubber, neoprene, latex or nitrile disposable gloves. Change gloves when they become contaminated.
- Eyes Protection:** Wear safety glasses or goggles when a splash hazard exists.
- Others:** None known.

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Section 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical State: Solid Nitrocellulose Membrane contained in a plastic housing.

Color: White

Odor: None detectable.

pH: Not applicable.

Flash Point: Not applicable.

Flammability: Not Flammable.

Auto flammability: Will not occur.

Vapor Pressure: Not applicable.

Section 10 - STABILITY AND REACTIVITY DATA

Stability: Stable in Normal Conditions.

Conditions to Avoid: None known.

Materials to Avoid: Not applicable.

Hazardous Decomposition Products: None Known.

Section 11 - TOXICOLOGY INFORMATION

Effects of Dangerous Substances at the Concentrations Present in the Preparation:

Toxic Effects: None known.

Harmful Effects: None known.

Sensitizing Effects: None known.

Carcinogenic/Mutagenic/Teratogen Effects: None known.

Section 12 - ECOLOGICAL INFORMATION

None Known.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal of Preparation Left: Dispose according to current regional and national rules.

Contaminated Containers: Dispose of following current regulations.

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Section 14 -	TRANSPORTATION INFORMATION
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Road / Railway Haulage ADR/RID:	Not restricted.
Sea Freight IMO (IMDG):	Not restricted.
Air Freight IATA (ICAO):	Not restricted.
UN Number:	Not applicable.

Section 15 -	OTHER REGULATORY INFORMATION
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Classification: This preparation is classified and labeled according to EEC Directive n. 88/379.

Symbols of Danger: None.

"R" Phrases Indicating Specific Risks: None.

"S" Phrases Indicating Caution: None.

Section 16 -	OTHER INFORMATION
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Recommended Use: For research or *in vitro* diagnostic use only. Not for use on or in humans and animals.

The information contained herein is believed to be correct as of the date of issue but is provided without warranty of any kind. Biomerica shall not be held liable for any damage resulting from handling or from contact with the above product. The recipient is responsible for observing any applicable laws and guidelines. Use the product according to the package insert.